AGILE WEB ENGINEERING QUALITY METRICS

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ABSTRACT
As a general rule, agile software development methodologies have typically been applied to non-critical projects using relatively small project teams where there are vague requirements, a high degree of anticipated change, and no significant availability or performance requirements. Using agile methods in their pure form for projects requiring either high availability, high performance, or both is considered too risky by many practitioners. When one investigates the various agile practices, however, one gets the impression that each may still have value when separated from the whole. This chapter discusses how one team was able to successfully drive software development quality improvements and reduce overall cycle time through the introduction of several individual agile development techniques. Through the use of a common-sense approach to software development, it is shown that the incorporation of individual agile techniques does not have to entail additional risk for projects having higher availability, performance, and quality requirements. Agile Web development plays an important role in increasing rate as a web development methodology. It consists of lightweight, people centric process and also has several features that make traditional software less effective in producing realistic projects. It also focuses on requirements analysis, business needs and fast deliverable products. In the Agile Web development metrics is an important phase to improve the quality and productivity of the organization. Therefore this paper suggests some appropriate Agile Web metrics and also gives some results in which organizations or teams may use to develop more congruent ways to measure and improve the quality of agile work.

KEY WORDS: Quality web metrics, Goal question metric approach, Agile Web engineering.

REFERENCES


